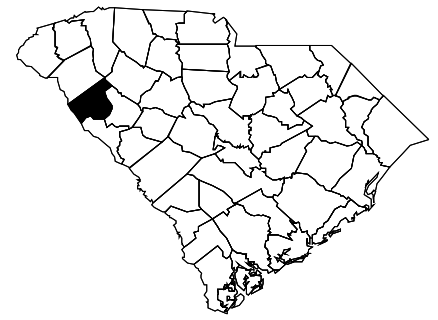


IMPACT OF CHRONIC CONDITIONS ABBEVILLE

County, 2005



In the year 2005, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, Alzheimer's disease, diabetes, nephritis, nephritic syndrome, nephrosis, pneumonia and influenza and septicemia. This report focuses on the chronic conditions of the population of Abbeville county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The majority (35%) of the population in Abbeville county are between the ages of 18-44. The elderly population (15%) is slightly higher than the state (12%). Abbeville county's gender distribution is similar to the state's average, and its minority population (30%) is slightly lower compare to the state (31%). When adults in DHEC's Region 1, which includes Abbeville County, were asked about their general health status, 79.3% reported having excellent, very good, or good health in 2005 (SC was 82%).

	ABBEVILLE COUNTY	STATE
Population size	26,133	4,255,083
Age distribution (%)		
<18	24	24
18-44	35	38
45-64	27	25
65-84	13	11
85+	2	2
Race (%)		
White	70	69
Black & Other	30	31
Sex (%)		
Male	48	49
Female	52	51

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 2005 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for Abbeville County.

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	22	22
Sedentary lifestyle	25	26
Overweight	56	65
High Cholesterol	48	37

Some preventive measures such as immunization were included in the 2005 SC BRFSS. For persons age 65 and older in South Carolina:

39.1% have not received the flu shot in the past 12 months

34.4% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION AND HYPERTENSIVE DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)*	26.5	.	.	.	.	31.7
Number of hospitalizations	37	16	21	23	14	5,032
Crude rate of hospitalizations (per100,000)	142	204	115	182	104	118
Median age of hospitalized patients	77	75	77	72	77	57
Total cost of hospitalization (\$)	486,300	231,400	254,900	351,300	135,000	109,400,500
Average length of hospital stay (days)	4	4	3	4	4	5
Number of ED visits	58	36	22	29	29	7,466
Crude rate of ED visits (per100,000)	222	458	120	230	215	175
Median age of ED patients	57	52	60	62	52	52
Total cost of ED visits (\$)	79,600	45,100	34,500	44,100	35,500	9,929,000
Number of deaths**	2	1	1	1	1	423
Age-Adjusted Death rate (per100,000)**	6	11	5	7	6	10

DISEASES OF THE HEART	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	4.8					4.1
Number of hospitalizations	433	124	309	261	172	60,901
Crude rate of hospitalizations (per100,000)	1,657	1,578	1,691	2,069	1,272	1,431
Median age of hospitalized patients	67	67	67	67	72	67
Total cost of hospitalization (\$)	17,698,400	4,734,600	12,963,800	11,310,200	6,388,200	2,286,836,400
Average length of hospital stay (days)	4	4	4	4	4	5
Number of ED visits	179	70	109	93	86	12,989
Crude rate of ED visits (per100,000)	685	891	597	737	636	305
Median age of ED patients	67	67	67	62	72	62
Total cost of ED visits (\$)	536,800	185,600	351,200	307,200	229,600	42,115,900
Number of deaths**	50	15	35	29	21	9,328
Age-Adjusted Death rate (per100,000)**	160	206	145	240	105	218

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	2.9	.	.	.	.	3
Number of hospitalizations	84	20	63	34	50	13,925
Crude rate of hospitalizations (per100,000)	321	254	345	270	370	327
Median age of hospitalized patients	72	65	77	62	77	72
Total cost of hospitalization (\$)	1,968,000	673,500	1,294,500	715,300	1,252,700	384,441,600
Average length of hospital stay (days)	5	7	5	5	5	6
Number of ED visits	34	16	18	15	19	2,515
Crude rate of ED visits (per100,000)	130	204	99	119	141	59
Median age of ED patients	75	67	77	67	77	67
Total cost of ED visits (\$)	115,700	63,400	52,300	61,700	54,000	9,113,000
Number of deaths**	16	7	9	5	11	2,440
Age-Adjusted Death rate (per100,000)**	52	95	38	43	64	59

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	84	26	58	35	49	15,753
Crude rate of hospitalizations (per100,000)	321	331	317	277	362	370
Median age of hospitalized patients	62	57	65	62	57	62
Total cost of hospitalization (\$)	1,189,300	276,400	912,900	593,000	596,300	268,425,300
Average length of hospital stay (days)	4	3	4	4	3	5
Number of ED visits	284	155	129	127	157	36,543
Crude rate of ED visits (per100,000)	1,087	1,972	706	1,007	1,161	859
Median age of ED patients	37	32	47	32	42	37
Total cost of ED visits (\$)	250,700	128,100	122,600	113,400	137,300	40,613,700
Number of deaths**	6	2	4	3	3	1,968
Age-Adjusted Death rate (per100,000)**	18	23	17	26	17	46

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	10.1	.	.	.	.	10.3
Number of hospitalizations	57	45	12	24	33	9,027
Crude rate of hospitalizations (per100,000)	218	573	66	190	244	212
Median age of hospitalized patients	52	42	57	40	57	52
Total cost of hospitalization (\$)	1,003,700	715,200	288,500	445,600	558,100	179,747,700
Average length of hospital stay (days)	5	4	6	4	5	6
Number of ED visits	49	36	13	24	25	9,603
Crude rate of ED visits (per100,000)	188	458	71	190	185	226
Median age of ED patients	52	67	52	52	52	52
Total cost of ED visits (\$)	69,400	46,900	22,500	33,400	36,000	13,447,300
Number of deaths**	5	-	5	-	5	1,183
Age-Adjusted Death rate (per100,000)**	15	-	20	-	27	27

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	73	29	44	31	42	16,389
Crude rate of hospitalizations (per100,000)	279	369	241	246	311	385
Median age of hospitalized patients	67	67	67	67	67	62
Total cost of hospitalization (\$)	2,552,300	872,900	1,679,400	1,124,900	1,427,400	664,309,500
Average length of hospital stay (days)	8	7	8	7	8	8
Number of deaths**	46	16	30	26	20	8,617
Age-Adjusted Death rate (per100,000)**	150	207	128	219	116	196

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	15	7	8	5	10	2,070
Crude rate of hospitalizations (per100,000)	57	89	44	40	74	49
Median age of hospitalized patients	67	67	70	67	65	67
Total cost of hospitalization (\$)	742,300	414,200	328,100	249,500	492,800	101,377,700
Average length of hospital stay (days)	10	11	9	8	11	10
Number of deaths**	5	2	3	1	4	812
Age-Adjusted Death rate (per100,000)**	18	28	13	7	27	19

BREAST CANCER			County			State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	10	4	6	-	10	1,228
Crude rate of hospitalizations (per100,000)	74	98	63	.	44	56
Median age of hospitalized patients	75	77	70	-	75	62
Total cost of hospitalization (\$)	130,500	54,400	76,100	-	130,500	26,163,000
Average length of hospital stay (days)	2	3	2	-	2	3
Number of deaths**	3	2	1	-	3	651
Age-Adjusted Death rate (per100,000)**	16	53	5	-	16	26

CERVICAL CANCER			County			State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	-	-	-	-	-	192
Crude rate of hospitalizations (per100,000)	-	-	-	-	-	9
Median age of hospitalized patients	-	-	-	-	-	47
Total cost of hospitalization (\$)	-	-	-	-	-	4,668,500
Average length of hospital stay (days)	-	-	-	-	-	4
Number of deaths**	-	-	-	-	-	63
Age-Adjusted Death rate (per100,000)**	-	-	-	-	-	3

LUNG CANCER			County			State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	4	-	4	1	3	2,181
Crude rate of hospitalizations (per100,000)	15	-	22	8	22	51
Median age of hospitalized patients	75	-	75	72	77	67
Total cost of hospitalization (\$)	399,700	-	399,700	55,900	343,800	92,775,300
Average length of hospital stay (days)	34	-	34	11	41	9
Number of deaths**	13	1	12	9	4	2,703
Age-Adjusted Death rate (per100,000)**	41	12	50	74	20	61

PROSTATE CANCER			County			State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	6	2	4	6	-	1,209
Crude rate of hospitalizations (per100,000)	48	53	45	79	-	58
Median age of hospitalized patients	75	77	72	75	-	62
Total cost of hospitalization (\$)	103,000	35,300	67,700	103,000	-	30,356,600
Average length of hospital stay (days)	4	5	3	4	-	4
Number of deaths**	5	2	3	5	-	460
Age-Adjusted Death rate (per100,000)**	50	84	39	50	-	30

*Prevalence estimates at county level

**Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10 codes.

All hospitalization for Blacks includes Blacks and Others

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